

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_

## DATA ADEQUACY WORKSHEET

Revision No. \_\_\_\_\_ Date \_\_\_\_\_

Technical Area: **Noise**

Project: GWF Tracy Peaker Project

Technical Staff: \_\_\_\_\_

Project Manager: \_\_\_\_\_

Docket: \_\_\_\_\_

Technical Senior: \_\_\_\_\_

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC pp. 8.5-1, section 8.5.1; pp. 8.5-8 to -9, section 8.5.1.5; pp. 8.5-9 to -13, section 8.5.2; pp. 8.5-13 to -15, section 8.5.3.		
Appendix B (g) (4) (A)	A land use map, which identifies residences, hospitals, libraries, schools, places of worship, or other facilities where quiet, is an important attribute of the environment within the area impacted by the proposed project. The area impacted by the proposed project is that area where there is a potential increase of 5 dB(A) or more, during either construction or operation, over existing background levels.	AFC Figure 8.5-1.		

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Appendix B (g) (4) (B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for a duration at the applicant's discretion during the same 25-hour period. The results of the noise level measurements shall be reported in $L_{eq}$ (equivalent sound or noise level), $L_{dn}$ (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The $L_{10}$ , $L_{50}$ , and $L_{90}$ values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported.	AFC pp. 8.5-2 to -6, section 8.5.1.3; Appendix E.		
Appendix B (g) (4) (C)	A description of the major noise sources of the project, including the range of noise levels and the tonal and frequency characteristics of the noise emitted.	AFC pp. 8.5-8 to -9, section 8.5.1.5; Appendix E.		
Appendix B (g) (4) (D)	An estimate of the project noise levels, during both construction and operation, at residences, hospitals, libraries, schools, places of worship, or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.	AFC pp. 8.5-9 to -13, section 8.5.2.		

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Appendix B (g) (4) (E)	An estimate of the project noise levels within the project site boundary during both construction and operation and the impact to the workers at the site due to the estimated noise levels.	AFC pp. 8.5-14, sections 8.5.3.1 and 8.5.3.2.		
Appendix B (g) (4) (F)	The audible noise from existing switchyards and overhead transmission lines that would be affected by the project and estimates of the future audible noise levels that would result from existing and proposed switchyards and transmission lines. Noise levels shall be calculated at the property boundary for switchyards and at the edge of the rights-of-way for transmission lines.	AFC pp.8.5-11to –12, sections 8.5.2.3 and 8.5.2.4; pp. 8.5-14 to –15, sections 8.5.3.3 and 8.5.3.4.		
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	AFC Table 8.5-6; pp. 8.5-15 to –17, section 8.5.4; pp. 8.5-7, section 8.5.1.4.		
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC pp. 8.5-7, section 8.5.1.4, pp. 8.5-15 to –16, section 8.5.4.		

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Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC pp. 8.5-9 to –13, section 8.5.2; pp. 8.5-13 to –15, section 8.5.3.		
Appendix B (h) (3)	The name, title, telephones number, and address, if known, of an official within each agency who will serve as a contact person for the agency.			
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	No noise permit required.		